

A. In international journals

1. "Fuzzy Prolog: A simple general implementation using CLP(R)" C. Vaucheret, **S. Guadarrama**, S. Munoz Lecture Notes in Artificial Intelligence 2514: 450-463 2002
2. "A simple general implementation using CLP(R)" Vaucheret C., **S. Guadarrama**, Munoz S. Lecture Notes in Computer Science 2401: 469-469 2002
3. "Model of Place-Sensor System for Self-Localization of an Autonomous Mobile Robot" Triviño G, Ruiz A, Guadarrama S, Gari R. Artificial Intelligence Research and Development 100: 123-136, JUN 2003
4. "Multiple-valued logic and artificial intelligence fundamentals of fuzzy control revisited" Moraga C., Trillas E., Guadarrama S. Artificial Intelligence Review 20 (3-4): 169-197 DEC 2003
5. "Fuzzy Prolog: a new approach using soft constraints propagation" Guadarrama S., Munoz S., Vaucheret C. Fuzzy Sets and Systems 144 (1): 127-150 MAY 2004
6. "What about fuzzy logic's linguistic soundness?" Trillas E., Guadarrama S. Fuzzy Sets and Systems 156 (3): 334-340 DEC 2005
7. "Crisp decisions as classes of fuzzy decisions" E. Trillas, I. García-Honrado, E. Renedo, S. Guadarrama Fuzzy Optimization and Decision Making (Submitted)

B. Book's chapters

1. "A step towards conceptually improving Takagi-Sugeno's approximation" Guadarrama S, Trillas E, Gutierrez J, et al. In *Intelligent Systems for Information Processing: from Representation to Applications* : 71-80, Elsevier Science BV 2003
2. "Evaluating Ontology Based Search Strategies" Loer C, Singh A, Cheung A, Guadarrama S, Nikravesh M. In *Soft Computing for Information Processing and Analysis*, Ed. M. Nikravesh, L. Zadeh and J. Kacprzyk, 189-202, Springer Volume 164 2005
3. "Fuzzy Thesauri for and from the WWW" De Cock M, Guadarrama S, Nikravesh M. In *Soft Computing for Information Processing and Analysis*, Ed. M. Nikravesh, L. Zadeh and J. Kacprzyk, 189-202, Springer Volume 164 2005
4. "Some fuzzy counterparts of the language uses of And and Or" Guadarrama S., Trillas E., Renedo E. In *Computational Intelligence: Theory and Practice*, Ed. B. Reusch, 335-352, Springer September 2006
5. "Fuzzy Sets vs Language" Trillas E, Renedo E, Guadarrama S. In *Computational Intelligence: Theory and Practice*, Ed. B. Reusch, 353-366, Springer September 2006
6. "On Fuzzy Set Theories" Pradera A, Trillas E, Guadarrama S, Renedo E. In *Fuzzy Logic*, Ed. P.P Wang and D. Ruan, 15-47, Volume 215, Springer June 2007
7. "On Computing Antonyms" Trillas E, Moraga C, Guadarrama S, Cubillo S, Castañeira E. In *Forging New Frontiers: Fuzzy Pioneers I*, Ed. M. Nikravesh, L. Zadeh and J. Kacprzyk, 133-153, Springer September 2007

C. In Conferences and Proceedings

1. "On some logical aspects of numerical fuzzy inference" Trillas E, Guadarrama S. Proceedings of NAFIPS 2001, VOLS. 1-5 : 998-1002, 2001
2. "On a new theory of fuzzy sets with just one self-contradiction" Trillas E, Renedo E, Guadarrama S. 10th IEEE International Conference on Fuzzy Systems, 658-661, 2001
3. "Fuzzy Prolog: A simple general implementation using CLP(R)" Vaucheret C, Guadarrama S, Munoz S. 9th International Conference on Logic for Programming, Artificial Intelligence and Reasoning, OCT 14-18, 2002. Logic for Programming, Artificial Intelligence, and Reasoning : 450-463, 2002
4. "A step towards conceptually improving Takagi-Sugeno's approximation" Guadarrama S, Trillas E, Gutierrez J, et al. 9th International Conference on Information Processing and Management of Uncertainty in Knowledge Based Systems, 2000. Proceedings of IPMU : 1789-1794, 2002

5. "Non-Contradiction and Excluded-Middle with Antonyms" Guadarrama S, Trillas E, Renedo E. XI Congreso Español sobre Tecnologías y Lógica Fuzzy (ESTYLF 2002). Proceedings of ESTYLF : 385-389, 2002
6. "Combining crisp and fuzzy logic in a prolog compiler" Muñoz-Hernández S, Vaucheret C, Guadarrama S. Joint Conference on Declarative Programming: APPIA-GULP-PRODE 2002. Proceedings of Joint Conference on Declarative Programming: APPIA-GULP-PRODE : 23-38, 2002
7. "A simple general implementation using CLP(R)" Vaucheret C, Guadarrama S, Munoz S. 18th International Conference on Logic Programming, JUL 29-AUG 01, 2002. Proceedings of Logics Programming, : 469-469, 2002
8. "Constructing Fuzzy Thesauri for the WWW: application to BeMySearch" De Cock M, Guadarrama S, Nikravesh M. FLINT-CIBI 2003. Proceedings of FLINT-CIBI : 50-55, 2003
9. "Fuzzy Consensus in Multi-Agent Systems" Guadarrama S. Autonomous Agents and Multi-Agent System AAMAS-2004. Doctoral Mentoring Program of AAMAS : 5-6, 2004
10. "A reflection on the use of And" Guadarrama S, Renedo E. Fourth Conference of the European Society for Fuzzy Logic and Technology (EUSFLAT 2005). Proceedings of EUSFLAT : 571-575, 2005
11. "Studying Fuzzy Modus Ponens" Alsina C, Guadarrama S, Renedo E, Trillas E. NAFIPS 06 JUN 3-6 2006. Proceedings of NAFIPS-06 : 1-4244-0363-4/06 IEEE 2006
12. "Classes of T-conditionals and fuzzy inference" Trillas E, Guadarrama S, Renedo E. NAFIPS 06 JUN 3-6 2006. Proceedings of NAFIPS-06 : 1-4244-0363-4/06 IEEE 2006
13. "Robust Gesture Recognition using Prediction-Error-Classification Approach" Guadarrama S, Bailador G. IEEE Conference on Fuzzy Systems JUL 23-26, London 2007. Proceedings of FUZZ-IEEE-07 : 1-4244-1210-2/07 IEEE 2007
14. "A Hybrid Fuzzy Car Controller based on Genetic Algorithms" Vazquez R., Guadarrama S. Fuzzy Race Competition of the IEEE International Conference on Fuzzy Systems. (FUZZ-IEEE 2007) London, UK. 2007
15. "Tuning a Fuzzy Racing Car by Coevolution" Guadarrama S., Vazquez R. 3rd International Workshop on Genetic and Evolving Fuzzy Systems. (GEFS 2008) Witten-Bommerholz, Germany. 4-7 March, 2008

D. Other publications (Ph.D. and M.Sc. thesis, Technical reports, national conferences)

1. "Imprecise Knowledge Representation: A partial review of Fuzzy Sets Theories" (In Spanish) Guadarrama S. Senior Thesis at Technical University of Madrid, September 2000
2. "ACiao: Agents in Ciao Prolog" and "Computing with Antonyms" Guadarrama S. M.Sc Thesis at Technical University of Madrid, October 2002
3. "Fuzzy Logic and Its Application to Multi-Agent and Consumer Profiling" Nikravesh M., Guadarrama S., Alptekin S., Bobel A., McAulay D., McClay M., Cirit O. 2004 EECS Research Summary, Ed. California University, Berkeley, 98-100, 2004
4. "The Automatic Construction of Fuzzy Ontologies for Search in the WWW and The Use of Fuzzy Spiders for the Detection of Objects in Images" Nikravesh M., Guadarrama S., Alptekin S., Bobel A., McAulay D., McClay M., Cirit O. 2004 EECS Research Summary, Ed. California University, Berkeley, 135-139, 2004
5. "A contribution to Computing with Words/Perceptions" Guadarrama S. Ph.D. Thesis in Artificial Intelligence, Technical University of Madrid, June 2007
6. "Smart-Bees: Learning Language in a semi-supervised environment" Guadarrama S. 2007 ECSC Research Summary, European Centre for Soft-Computing, 2007

E. Popular science book and News articles

1. "La conjetura como arte" E. Trillas, S. Guadarrama, E. Renedo El cultural del mundo. 30/05/2005.